

Early Results from the Spitzer Galactic First Look Survey

Luisa Rebull^{1,2}, S. Stolovy², D. Padgett², J. Karr², S. Ramirez², S. Carey²,
S. Fajardo-Acosta², M. Burgdorf², W. Glaccum², G. Helou², J. Ingalls², D. Hoard²,
P. Lowrance², A. Noriega-Crespo², J. O'Linger², W. Reach², J. Rho², J. Stauffer²,
and S. Wachter²

(Email: rebull@ipac.caltech.edu)

¹Jet Propulsion Laboratory, Pasadena, California

²Spitzer Science Center, California Institute of Technology, Pasadena, California

The Spitzer First Look Survey (FLS) is a characteristic “first-look” at the mid-infrared sky at sensitivities that are ~ 100 times deeper than previous systematic large-area surveys. The Galactic FLS (GFLS) was allocated 36 hours to survey the molecular cloud L1228 and several low galactic latitudes at galactic longitudes 254.4° and 105.6° . This poster summarizes some early scientific results from the GFLS pertaining to young stars. We present SEDs and color-color diagrams using 2MASS, IRAC, and MIPS photometry of young stellar objects in the GFLS.

